Pepper Hamilton LLP

RECEIVED CENTRAL FAX CENTER

SEP 0 9 2004

50th Floor 500 Grant Street Pittsburgh, PA 15219-2502 412,454.5000 Fax 412.281.0717 www.pepperlaw.com FAX INFORMATION SHEET

Date:

September 9, 2004

ID Number:

62626

Identifier:

128346.31801

Recipient's Name

Company

General Number

Fax Number

Examiner Wayne A. Langel

United States Patent and

Trademark Office

703-872-9306

Sender:

Michelle Pichora

Sender's Direct Line: Sender's Email Address: 412-454-5042 pichoram@pepperlaw.com

Total Pages Including Cover:

14

Comments:

An original or a copy has [] or has not [✓] been sent to you by mail [] or by overnight service [] or by email [].

♦ If total pages are not received, or an error occurred during this transmission, please call the sender at the direct line listed above.

♦ CONFIDENTIALITY NOTE ◆ ◆

The documents accompanying this facsimile transmission contain information from the law firm of Pepper Hamilton LLP which is confidential and/or legally privileged. The information is intended only for the use of the individual or entity named on this transmission sheet. If you are not the intended racipient, you are hereby notified that any disclosure, copying, distribution or the taking of any action in reliance on the contents of this faxed information is strictly prohibited, and that the documents should be returned to this Firm immediately. In this regard, if you have received this facsimile in error, please notify us by telephone immediately so that we can arrange for the return of the original documents to us at no cost to you.

Operator's	Us	e O	uly

Start Time:

am [] pm []

End Time:

am [] pm []

Operator:

Attorney Ref.: 128346.31801

RECEIVED CENTRAL FAX CENTER

CERTIFICATE OF FACSIMILE UNDER 37 C.F.R. §1.6 & §1.8

:

SEP 0 9 2004

In re Application of:

Michael H. Zimmerman et al.

Serial No.:

10/001,573

Group Art Unit: 1754

Filed:

November 2, 2001

Examiner: Wayne A. Langel

For:

LOW OXYGEN CUBIC BORON

NITRIDE

AND ITS

PRODUCTION

THIS IS AN ADDITIONAL COPY FOR YOUR REVIEW IN LIGHT OF OUR SCHEDULED INTERVIEW ON 9-15-04. ALSO ATTACHED IS A CHART WHICH HOPEFULLY AID YOUR REVIEW.

I hereby certify that this "Response to Final Office Action Under 37 C.F.R. §1.116" is being sent via facsimile to fax number (703) 872-9306 under 37 C.F.R. §1.6 & §1.8 on September 9, 2004.

Michelle Pichora

(Typed/printed name of person mailing paper or fee)

(Signature of person mailing paper or fee)

ENCLOSED DOCUMENTS

- 1. Facsimile Cover Sheet; and
- 2. Response to Final Office Action Under 37 C.F.R. §1.116.

RECEIVED CENTRAL FAX CENTER

Response Under 37 CFR 1.116
Expedited Procedure
Examining Group 1700
Application No. 10/001,573
Paper Dated September 9, 2004
Attorney Docket No. 128346.31801

SEP 0 9 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Michael H. ZIMMERMAN et al.

Filed

November 2, 2001

Application No.

10/001,573

Title

Low Oxygen Cubic Boron Nitride and Its Production

Group Art Unit

1754

:

Examiner

Wayne A. Langel

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

RESPONSE TO FINAL OFFICE ACTION

Sir:

This is a response to a Final Office Action dated July 9, 2004 in the above identified application. A response to this Office Action to receive an Advisory Action is due September 9, 2004. Accordingly, this Response is timely filed.

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 5 of this paper.

This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

BLACK BORDERS

IMAGE CUT OFF AT TOP, BOTTOM OR SIDES

FADED TEXT OR DRAWING

BLURRED OR ILLEGIBLE TEXT OR DRAWING

SKEWED/SLANTED IMAGES

COLOR OR BLACK AND WHITE PHOTOGRAPHS

GRAY SCALE DOCUMENTS

LINES OR MARKS ON ORIGINAL DOCUMENT

REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY

IMAGES ARE BEST AVAILABLE COPY.

☐ OTHER:

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.